

**From:** [Miller, Garyg](#)  
**To:** [Hayter, Earl J ERDC-RDE-EL-MS](#)  
**Subject:** RE:  
**Date:** Thursday, March 05, 2015 10:36:00 AM

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Earl,

Thanks for reminding me - I had asked the River Fleet folks, but don't believe I've seen anything yet so I sent reminder to them.

Gary Miller  
EPA Remedial Project Manager  
214-665-8318  
[miller.garyg@epa.gov](mailto:miller.garyg@epa.gov)

-----Original Message-----

From: Hayter, Earl J ERDC-RDE-EL-MS [<mailto:Earl.J.Hayter@erdc.dren.mil>]  
Sent: Saturday, February 28, 2015 1:15 PM  
To: Miller, Garyg  
Subject: RE:

Gary, I keep forgetting to ask you if you have been able to obtain the information listed below regarding ship traffic, etc. Thanks, Earl

> -----Original Message-----

> From: Miller, Garyg [<mailto:Miller.Garyg@epa.gov>]  
> Sent: Tuesday, February 03, 2015 5:14 PM  
> To: Hayter, Earl J ERDC-RDE-EL-MS  
> Subject: RE:

>

> Earl,

>

> Working on getting some info on this & will get back to you.

>

> Regards,

>

> Gary Miller  
> EPA Remedial Project Manager  
> 214-665-8318  
> [miller.garyg@epa.gov](mailto:miller.garyg@epa.gov)

>

> -----Original Message-----

> From: Hayter, Earl J ERDC-RDE-EL-MS  
> [<mailto:Earl.J.Hayter@erdc.dren.mil>]  
> Sent: Tuesday, February 03, 2015 3:33 PM  
> To: Miller, Garyg  
> Subject: RE:

>

> Gary,

>

> Something I forgot to talk to you about earlier. Do you have access  
> from any of your contacts information on the ship traffic in proximity  
> to the cap? Specifically, I will need information on average ship  
> power, size, draft, propeller(s) diameter and type (i.e., ducted or  
> non-ducted), and average ship speed. I need this information to evaluate propwash.

>

> Thanks,

>



9563110

> Earl  
>  
> > -----Original Message-----  
> > From: Miller, Garyg [<mailto:Miller.Garyg@epa.gov>]  
> > Sent: Tuesday, February 03, 2015 3:23 PM  
> > To: Hayter, Earl J ERDC-RDE-EL-MS  
> > Subject: RE:  
> >  
> > Earl,  
> >  
> > Here's something else about stream stability (from Federal Highway  
> > Administration) -  
> > <http://www.fhwa.dot.gov/engineering/hydraulics/pubs/hec/hec11sl.pdf>  
> >  
> > "In addition, current site conditions can be used to evaluate river  
> > stability. Even when historic information indicates that a channel  
> > has been relatively stable in the past, local conditions may  
> > indicate more recent instabilities. Local site conditions which are  
> > indicative of channel instabilities include tipping and falling of  
> > vegetation along the bank, cracks along the bank surface, the  
> > presence of slump blocks, fresh vegetation laying in the channel  
> > near the channel banks, deflection of channel flows in the direction  
> > of the bank due to some recently deposited obstruction or channel  
> > course change, fresh vertical face cuts along the bank, locally high  
> > velocities along the bank, new bar formation downstream from an  
> > eroding bank, local headcuts, pending or recent cutoffs, etc... It  
> > is also important to recognize that the presence of any one of these  
> > conditions does not in itself indicate an erosion problem; some bank  
> > erosion is common in all channels even when the channel is stable. A  
> > more detailed coverage of the analysis of stream stability through  
> > the use of historic and current observations is presented in Shen (1).  
> > Analytic methods for the evaluation of channel stability can be  
> > classified as either geomorphic or hydraulic. It is important to  
> > recognize that these analytic tools should only be used to  
> > substantiate the erosion potential indicated through observation.  
> > Geomorphic relationships have been presented by many investigators,  
> > for example Leopold (2), and Lane (3). More recently these  
> > relationships have been summarized by Brown (4), and Richardson (5)."  
> >  
> > Gary Miller  
> > EPA Remedial Project Manager  
> > 214-665-8318  
> > miller.garyg@epa.gov  
> >  
> > -----Original Message-----  
> > From: Hayter, Earl J ERDC-RDE-EL-MS  
> > [<mailto:Earl.J.Hayter@erdc.dren.mil>]  
> > Sent: Tuesday, February 03, 2015 2:07 PM  
> > To: Miller, Garyg  
> > Subject: RE:  
> >  
> > Thanks Gary. Maynard retired a year or two ago.  
> >  
> > > -----Original Message-----  
> > > From: Miller, Garyg [<mailto:Miller.Garyg@epa.gov>]  
> > > Sent: Tuesday, February 03, 2015 3:06 PM  
> > > To: Hayter, Earl J ERDC-RDE-EL-MS  
> > > Subject: RE:  
> > >  
> > > Earl,

> > >  
> > > Here is the link -  
> > >  
> > > <http://www.epa.gov/glnpo/sediment/iscmain/appnda.pdf>  
> > >  
> > > Just noticed its written by Steve Maynord @ Vicksburg - perhaps  
> > > you know him?  
> > >  
> > > Regards,  
> > >  
> > > Gary Miller  
> > > EPA Remedial Project Manager  
> > > 214-665-8318  
> > > miller.garyg@epa.gov  
> > >  
> > > -----Original Message-----  
> > > From: Hayter, Earl J ERDC-RDE-EL-MS  
> > > [<mailto:Earl.J.Hayter@erdc.dren.mil>]  
> > > Sent: Tuesday, February 03, 2015 1:48 PM  
> > > To: Miller, Garyg  
> > > Subject:  
> > >  
> > > Gary,  
> > >  
> > > Which capping guidance report were you referring to during our  
> > > call earlier today? There are several different 'versions'.  
> > >  
> > > Thanks,  
> > >  
> > > Earl  
> > >  
> > >  
#####  
> > >  
> > > Earl J. Hayter, Ph.D.  
> > > U.S. Army Corps of Engineers  
> > > Engineer Research and Development Center Environmental Laboratory  
> > > Vicksburg, MS 39180  
> > >  
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